

**OPINION**

by competition for taking the academic position "associate professor" in the field of higher education 5. Technical sciences, professional field 5.7. Architecture, Civil Engineering and Geodesy „(cartography, including thematic geographic mapping)“ at the Department of Geodesy at the Faculty of Technical Sciences of the University of Shumen" Episkop Konstantin Preslavski ".

Published in State Gazette no. 21 / 12.03.2019  
with candidate: Ch. Assist. Dr. Sabin Ivanov Ivanov

Member of a scientific jury: Prof. Dimitar Yordanov Dimitrakiev,  
Higher Military Marine School "N. Y. Vaptsarov"

**1. A general characteristic of the applicant's research and research activities.**

The only candidate for participation in the competition is Ch. Assist. Dr. Sabin Ivanov Ivanov. The presented scientific output, resulting from the applicant's research activity, contains 11 publications. Of these 2 articles in foreign journals, 8 publications in Shumen University and one monograph - "Contemporary Aspects of Mathematical Cartography".

The publicity and scientific work of the applicant meets the requirements for taking academic positions at the University of Shumen and the new national criteria.

**2. Evaluation of the applicant's pedagogical training and activities.**

The candidate for "Associate Professor" is an established lecturer, lecturing in several basic disciplines of the students, Bachelor's and Master's degrees.

An important touch is the leadership of a large number of graduates.

**3. Key scientific and applied research contributions.**

I believe that in the papers presented to me there are elements of applied and applied contributions. I accept the evidence of originality and credibility enclosed in the applicant's documents.

#### **4. Significance of contributions to science and practice**

I consider that my submissions contain mainly elements of analysis.

The published publications are in Bulgarian and foreign editions. This concerns mainly the articles published by the candidate in the competition for taking the academic position "associate professor". Most of them are self-contained.

There are no quotes from foreign authors. The citation by Bulgarian authors is the fact that almost everyone is from one author. However, I consider quotes to be sufficient to meet the requirements of the competition.

#### **5. Critical remarks and recommendations**

I accept the applicant's submitted documents for the orderly order. I would like my criticism to sound constructive and contribute to improving the quality of the applicant's scientific work. The papers presented to me show that the candidate has published mainly in editions of Shumen University. This fact proves the relatively low level of popularity of the scientific achievements of Ch. Assist. Sabin Ivanov. This is the main reason not to describe in detail the candidate's contributions, assuming that the two reviewers described this problem in more detail in their reviews.

I recommend increasing the number of articles in magazines and especially in impact-affected journals included in the global information systems for referral, indexing and evaluation.

I write these critical lines with the clear awareness that the implementation of the above recommendation contains an insurmountable financial component. Once again, I stress that despite my remarks, in quantitative terms, my material is sufficient to give my opinion to the candidate to be elected as an associate professor.

### **CONCLUSION**

Chief Assistant Dr. Sabin Ivanov Ivanov meets the criteria for obtaining the required academic position, according to the ZARS in the Republic of Bulgaria, the Rules for its Application, the Regulations on the Terms and Procedure for Occupation of Academic Staff at the University of Shumen.

**On the basis of the presented papers, the contributions contained therein, I find it reasonable to propose that the candidate Dr. Sabin Ivanov Ivanov be elected and take the academic position "associate professor" in the field of higher education 5. "Technical sciences", professional field 5.7. Architecture,**

**Civil Engineering and Geodesy „(cartography, including thematic geographic mapping)“ at the Department of Geodesy at the Faculty of Technical Sciences of the University of Shumen „Episkop Konstantin Preslavski“.**

28.05.2019  
city of Varna

**JURY MEMBER:** \_\_\_\_\_  
/ Prof. Dr. eng. D. Dimitrakiev /